



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-213050
Lot Number: SAMPLE
Product Name: Tin(II) chloride dihydrate
CAS Number: 10025-69-1
Molecular Formula: $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$
Molecular Weight: 225.65

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Crystal to Powder	Crystalline Powder
Identification (ICP)	Confirms Sn Component	Complies
Purity (Iodine Titration)	98.0 - 103.0%	101.1%
Solution (Turbidity)	Clear at 5 g/10ml; 50% HCl	Complies
Calcium	$\leq 0.005\%$	$< 0.005\%$
Iron	$\leq 0.003\%$	$< 0.002\%$
Lead	$\leq 0.01\%$	$< 0.01\%$
Potassium	$\leq 0.005\%$	$< 0.005\%$
Sodium	$\leq 0.01\%$	$< 0.01\%$
Sulfate	Approximately 0.003%	Complies

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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